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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/813,589

DATE: 04/26/2001
TIME: 17:01:58

Input Set : N:\Crf3\RULE60\09813589.txt
Output Set: N:\CRF3\04262001\I813589.raw

#2

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Goff, Stephen A
Crossland, Lyle D
Privalle, Laura S

(ii) TITLE OF INVENTION: Control of Gene Expression in Plants by Receptor Mediated Transactivation in the Presence of a Chemical Ligand

(iii) NUMBER OF SEQUENCES: 11

(iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: CIBA-GEIGY Corporation
(B) STREET: 7 Skyline Drive
(C) CITY: Hawthorne
(D) STATE: NY
(E) COUNTRY: USA
(F) ZIP: 10532

ENTERED

(v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30B

(vi) CURRENT APPLICATION DATA:
C--> **(A) APPLICATION NUMBER: US/09/813,589**
C--> **(B) FILING DATE: 21-Mar-2001**
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: 09/625,904
(B) FILING DATE:
(A) APPLICATION NUMBER: 08/398,037
(B) FILING DATE:

(viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: Spruill, W. Murray
(B) REGISTRATION NUMBER: 32,943
(C) REFERENCE/DOCKET NUMBER: CGC 1796

(ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: 919-541-8590
(B) TELEFAX: 919-541-8689

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 42 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "oligonucleotide SF43"

(iii) HYPOTHETICAL: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

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```
69 CGCGGATCCT AAACAATGAA GCGGCGCTGG TCGAACAACG GC                          42
71 (2) INFORMATION FOR SEQ ID NO: 2:
73      (i) SEQUENCE CHARACTERISTICS:
74           (A) LENGTH: 34 base pairs
75           (B) TYPE: nucleic acid
76           (C) STRANDEDNESS: single
77           (D) TOPOLOGY: linear
79     (ii) MOLECULE TYPE: other nucleic acid
80           (A) DESCRIPTION: /desc = "oligonucleotide SF23"
82    (iii) HYPOTHETICAL: NO
87     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
89 CGCGGGATCC ATGCGGCCGG AATGCGTCGT CCCG                                   34
91 (2) INFORMATION FOR SEQ ID NO: 3:
93      (i) SEQUENCE CHARACTERISTICS:
94           (A) LENGTH: 30 base pairs
95           (B) TYPE: nucleic acid
96           (C) STRANDEDNESS: single
97           (D) TOPOLOGY: linear
99     (ii) MOLECULE TYPE: other nucleic acid
100          (A) DESCRIPTION: /desc = "oligonucleotide SF42"
102    (iii) HYPOTHETICAL: NO
107     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
109 CGCGGATCCA TGGACAACTG CGACCAGGAC                                       30
111 (2) INFORMATION FOR SEQ ID NO: 4:
113      (i) SEQUENCE CHARACTERISTICS:
114           (A) LENGTH: 29 base pairs
115           (B) TYPE: nucleic acid
116           (C) STRANDEDNESS: single
117           (D) TOPOLOGY: linear
119     (ii) MOLECULE TYPE: other nucleic acid
120          (A) DESCRIPTION: /desc = "oligonucleotide SF37"
122    (iii) HYPOTHETICAL: NO
127     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
129 GCGGGATCCC CCACCGTACT CGTCAATTC                                        29
131 (2) INFORMATION FOR SEQ ID NO: 5:
133      (i) SEQUENCE CHARACTERISTICS:
134           (A) LENGTH: 45 base pairs
135           (B) TYPE: nucleic acid
136           (C) STRANDEDNESS: single
137           (D) TOPOLOGY: linear
139     (ii) MOLECULE TYPE: other nucleic acid
140          (A) DESCRIPTION: /desc = "oligonucleotide SA115"
142    (iii) HYPOTHETICAL: NO
147     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
149 GTCGAGCTCT CGGATCCTAA AACAATGGCC CCCCCGACCG ATGTC                       45
151 (2) INFORMATION FOR SEQ ID NO: 6:
153      (i) SEQUENCE CHARACTERISTICS:
154           (A) LENGTH: 29 base pairs
155           (B) TYPE: nucleic acid
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```
156           (C) STRANDEDNESS: single
157           (D) TOPOLOGY: linear
159      (ii) MOLECULE TYPE: other nucleic acid
160           (A) DESCRIPTION: /desc = "oligonucleotide SF25"
162     (iii) HYPOTHETICAL: NO
167      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
169 GATCCGACAA GGGTTCAATG CACTTGTCA                                        29
171 (2) INFORMATION FOR SEQ ID NO: 7:
173      (i) SEQUENCE CHARACTERISTICS:
174           (A) LENGTH: 29 base pairs
175           (B) TYPE: nucleic acid
176           (C) STRANDEDNESS: single
177           (D) TOPOLOGY: linear
179      (ii) MOLECULE TYPE: other nucleic acid
180           (A) DESCRIPTION: /desc = "oligonucleotide SF26"
182     (iii) HYPOTHETICAL: NO
187      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
189 GATCTGACAA GTGCATTGAA CCCTTGTCG                                        29
191 (2) INFORMATION FOR SEQ ID NO: 8:
193      (i) SEQUENCE CHARACTERISTICS:
194           (A) LENGTH: 35 base pairs
195           (B) TYPE: nucleic acid
196           (C) STRANDEDNESS: single
197           (D) TOPOLOGY: linear
199      (ii) MOLECULE TYPE: other nucleic acid
200           (A) DESCRIPTION: /desc = "oligonucleotide SF30"
202     (iii) HYPOTHETICAL: NO
207      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
209 CGCGGATCCA TGGGTCGCGA TGATCTCTCG CCTTC                                  35
211 (2) INFORMATION FOR SEQ ID NO: 9:
213      (i) SEQUENCE CHARACTERISTICS:
214           (A) LENGTH: 11 base pairs
215           (B) TYPE: nucleic acid
216           (C) STRANDEDNESS: single
217           (D) TOPOLOGY: linear
W--> 219      (ii) MOLECULE TYPE:
221     (iii) HYPOTHETICAL: NO
224      (ix) FEATURE:
225           (A) NAME/KEY: misc_feature
226           (B) LOCATION: 1..11
227           (D) OTHER INFORMATION: /note= "polylinker used to link the
228 C1 transactivation domain to EcR"
231      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
233 VGSRSRVSSH A                                                           11
235 (2) INFORMATION FOR SEQ ID NO: 10:
237      (i) SEQUENCE CHARACTERISTICS:
238           (A) LENGTH: 26 base pairs
239           (B) TYPE: nucleic acid
240           (C) STRANDEDNESS: single
```

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```
     241           (D) TOPOLOGY: linear
     243      (ii) MOLECULE TYPE: other nucleic acid
     244           (A) DESCRIPTION: /desc = "positive strand
W--> 245                            oligonucleotide used to create pSKGAL2.3"
     247     (iii) HYPOTHETICAL: NO
     252      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
     254 CGGGGGATCC TAAGTAAGTA AGGTAC                                        26
     256 (2) INFORMATION FOR SEQ ID NO: 11:
     258       (i) SEQUENCE CHARACTERISTICS:
     259           (A) LENGTH: 20 base pairs
     260           (B) TYPE: nucleic acid
     261           (C) STRANDEDNESS: single
     262           (D) TOPOLOGY: linear
     264      (ii) MOLECULE TYPE: other nucleic acid
     265           (A) DESCRIPTION: /desc = "complementary strand
W--> 266                            oligonucleotide used to create pSKGAL2.3"
     268     (iii) HYPOTHETICAL: NO
     273      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
     275 CTTACTTACT TAGGATCCCC                                              20
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VERIFICATION SUMMARY DATE: 04/26/2001
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Input Set : N:\Crf3\RULE60\09813589.txt
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L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:219 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=9